

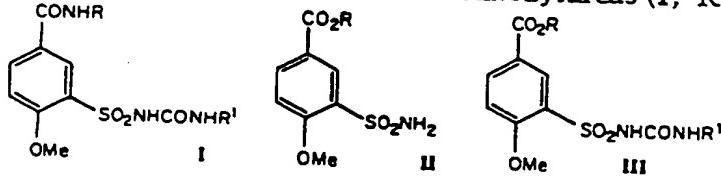
BEST AVAILABLE COPY

XP-002114294

(X) 6001 Chemical Abstracts, Columbus, Ohio, US
Vol.: 74 (1972) 20 NOVEMBER No. 21

Page: 404

139569a Synthesis of new p-hydroxybenzoic acid sulfonyl urea derivatives as potential hypoglycemic agents. Hassan, F.; El-Kerdawy, M. M.; Abou Ouf, A. A.; Abou Zeid, Y. M. (Fac. Pharm., Univ. Cairo, Cairo, UAR). *U. A. R. J. Pharm. Sci.* 1971, 12(1), 25-33 (Eng). Anisamide sulfonylureas (I; R = H,



Et, Me; R¹ = Et, Pr, Bu) possessing hypoglycemic activity are prep'd. from sulfamoylanisates (II; R = Et, Me) by reaction with isocyanates to give the anisate sulfonylureas (III; R = Et, Me; R¹ = Et, Pr, Bu) which on reaction with amines give the desired I. A total of 9 I are prep'd. and tested for ability to lower blood sugar in rats. Most active is I (R = Me; R¹ = Bu).